



CATEX CHECKLIST

CHECKLIST OF EXTRAORDINARY CIRCUMSTANCES & SENSITIVE RESOURCES IN SUPPORT OF A CATEGORICAL EXCLUSION (CATEX) DETERMINATION FOR A DENALI COMMISSION PROJECT

Program Partner Name Alaska Native Tribal Health Consortium (ANTHC)	Project Name Community Energy Efficiency		
Location Anvik and Hughes, Alaska	Project # FAA 01472	Subproject # Anvik and Hughes 16-Z54	
Identify Categorical Exclusion The proposed project is identified in the Denali Commission list of categorical exclusions in 45 CFR Appendix A to Part 900, paragraph(s) B1. Upgrade, repair, maintenance, replacement, or minor renovations and additions to buildings...equipment, and other facilities, including but not limited to...weatherization and energy efficiency related improvements...that do not result in a change in the functional use of the real property.			
Project Description (2-3 sentences maximum) Energy efficiency improvements and integration of a biomass heating system in several community buildings in Anvik and Hughes.			
Instructions The information you provide below will assist the Denali Commission in making its determination as to whether a Categorical Exclusion (CATEX) is appropriate or further environmental analysis is required for the proposed project. Please place a checkmark in the blank next to the numbered items indicating your response on that issue. A checkmark in the "Yes" block does not automatically preclude the development of the proposed project. It simply means further assessment is needed. Should you have any remarks that may indicate the need to prepare an Environmental Analysis (EA) or an Environmental Impact Statement (EIS), attach a brief explanation of the circumstances for further evaluation. Adverse effects to environmentally sensitive resources must be resolved through another environmental process, e.g., coordination or consultation under the Coastal Zone Management Act or National Historic Preservation Act, before being categorically excluded. Attachments are allowed and encouraged.			
Extraordinary Circumstances	Determination		Basis for determination
	Yes	No	
1. Public Health, Safety or Environment Will the proposed project have a reasonably likelihood of significant impacts on public health, public safety, or the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project is typical in scope to other Alaska energy efficiency upgrade projects. No ground disturbance will occur. There will be no impacts to public health, public safety or the environment.
2. Controversy on Environmental Grounds Will the proposed project have effects on the environment that are likely to be highly controversial or involve unresolved conflicts concerning alternative uses of available resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project complies with all applicable laws and requirements and will have the appropriate regulatory approvals. No environmental impacts will occur. The project is not controversial.
3. Uncertain, Unique or Unknown Risks Will the proposed project have possible effects on the human environment that are highly uncertain, involve unique or unknown risks, or are scientifically controversial?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project does not use methods or material where there are uncertain, unique or unknown risks. There will be no impacts.
4. Precedent for Future Action Will the proposed action establish a precedent for future action or	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project is typical in scope to other Alaska energy efficiency upgrade projects.

represent a decision in principle about future actions with potentially significant environmental effects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No ground disturbance will occur. This project does not establish a precedent for future action or represent a decision in principle about future actions. There are no current or future environmental effects associated with the project.
5. Cumulative Impacts Will the proposed project relate to other actions with individually insignificant but cumulatively significant environmental effects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Energy efficiency retrofit work, data collection and reporting for the project will not cause cumulative impacts or result in degradation of environmental concerns as outlined in NEPA.
6. Scope and Size Will the proposed project have a greater size and scope than is normal for the category of action?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project does not have a greater size or scope than other rural Alaska energy efficiency upgrade projects.
7. Environmental Conditions Will the proposed project have the potential to degrade already existing poor environmental conditions or to initiate a degrading influence, activity or effect in areas not already significantly modified from their natural condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The environmental impacts of the proposed energy efficiency upgrade project will not impact or degrade the existing environmental conditions or lead to environmental degradation.
8. Environmental Justice Will the proposed project have a disproportionately high and adverse effect on low income or minority populations? Ref: Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will benefit low income and minority populations in Anvik and Hughes by working to improve the sustainability and lower operating costs of rural energy systems.
9. Indian Sacred Sites Will the proposed project limit access to or ceremonial use of Indian sacred sites by Indian religious practitioners or adversely affect the physical integrity of such sacred sites? (EO 13007) <i>"Indian tribe" means an Indian or Alaska Native tribe, band, nation, pueblo, village, or community that the Secretary of the Interior acknowledges to exist as an Indian tribe pursuant to Public Law No. 103-454, 108 Stat. 4791, and "Indian" refers to a member of such an Indian tribe. (EO 13007)</i> Ref: Executive Order 13007, Indian Sacred Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tribal consultation concerning the effects of the projects on sacred sites were conducted in conjunction with the NHPA reviews and SHPO consultations referenced under no. 10.
Sensitive Resources		Impact Potential	Basis for determination
		Yes	No
10. Section 106 Historic Properties Will the proposed project adversely affect properties in, or eligible for inclusion in, the National Register of Historic Places? Ref: National Historic Preservation Act of 1966 (16 U.S.C. 470 et seq.), as amended. (See 36 CFR 800, Protection of Historic Properties).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A SHPO concurrence with an agency finding of 'no historic properties affected' for the Anvik project scope was received on August 11, 2014 (SHPO File no. 3130-1R)

			ANTHC). A second concurrence for the Hughes project scope was received on July 21, 2014 (SHPO File no. 3130-1R ANTHC).
11. Endangered Species Will the proposed project adversely affect species listed, or proposed to be listed on the Endangered or Threatened Species List, or the specific critical habitat? Ref: Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.), as amended. (See 50 CFR part 402).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Energy efficiency retrofit work, data collection and reporting does not include ground disturbing activities. There are no Endangered Species Act (ESA) -listed species or designated Critical Habitat in Anvik or Hughes. The project will have No Effect on ESA-listed species.
12. Historic or Cultural Resources Will the proposed action adversely impact the historic and cultural environment of the Nation? Ref: Executive Order 11593, Protection and enhancement of the cultural environment.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See remarks under no. 10.
13. Park, Recreation or Refuge Lands Will the proposed project have significant adverse direct or indirect effects on National or State Park, Recreation or Refuge lands?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Neither Anvik nor Hughes is not located within a National or State Park, Recreation or Refuge lands. There will be no impacts.
14. Wilderness Areas Will the proposed project adversely impact a wilderness area? Ref: Wilderness Act of 1964 (16 U.S.C. 1131 et seq.), as amended.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Neither Anvik nor Hughes is located in a wilderness area. There will be no impacts.
15. Wild and Scenic Rivers Is the proposed project a "Water Resources Project" that will impact a wild, scenic or recreational river area and create conditions inconsistent with the character of the river? Ref: Wild & Scenic Rivers Act (16 U.S.C. 1271 et seq.), as amended.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project is not a water resources project and includes no ground disturbing activities. There will be no impacts to wild, scenic or recreational rivers.
16. National Natural Landmarks Will the proposed project impact a National Natural Landmark? Ref: Historic Sites Act of 1935 (16 U.S.C. 461 et seq.), as amended.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Neither Anvik nor Hughes is located in or near a National Natural Landmark. There will be no impacts.
17. Sole Source Aquifers If the proposed action would not have adverse effects on this resource, it may be considered that there is no Impact Potential. Ref: Safe Drinking Water Act of 1974, (42 U.S.C. 201, 300 et seq., and 21 U.S.C. 349), as amended. (See 40 CFR part 149).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	According to the EPA website, as of 08/05/04, there are no sole source aquifers in Alaska.
18. Prime Farmlands Will the proposed project convert significant agricultural lands to non-agricultural uses? Ref: Farmlands Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.), as amended. (See 7 CFR part 658).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Designated Soils of National or State Importance have not been made in Alaska, although the Fairbanks Soil and Water Conservation District, Matanuska-Susitna Borough, and Kenai and Homer Soil and Water Conservation Districts have

		adopted criteria for Farmlands/Soils of Local Importance for lands within their jurisdictional boundaries. This project will not occur in any of these locations and will not convert agricultural lands to non-agricultural uses.
19. Wetlands Will the proposed project adversely affect wetlands or will there be construction in wetlands, except in conformance with a U.S. Corps of Engineers Section 404 Permit? Ref: Executive Order 11990, Protection of Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/> There are no ground disturbing activities associated with the project. No wetlands impacts will occur, and a permit is not required from U.S. Army Corps of Engineers.
20. Floodplains Will the proposed project involve construction in a floodplain or impact floodplain development? Ref: Executive Order 11988, Floodplain Management	<input type="checkbox"/>	<input type="checkbox"/> Construction and other ground disturbing activities will not occur. The project scope is limited to energy efficiency retrofit work, data collection and reporting. There will be no impacts to floodplains.
21. National Monuments Will proposed project impact a National Monument?	<input type="checkbox"/>	<input checked="" type="checkbox"/> Neither Anvik nor Hughes are located near a National Monument. No impacts will occur.
22. Ecologically Significant or Critical Areas Will the proposed project impact an ecologically significant or critical area?	<input type="checkbox"/>	<input checked="" type="checkbox"/> The project scoped is limited to energy efficiency retrofit work, data collection and reporting. No ground disturbing activities will occur. There will be no impacts to ecologically significant or critical areas.
23. Other Known Reasons Is an environmental assessment required for other known reasons?	<input type="checkbox"/>	<input checked="" type="checkbox"/> An Environmental Assessment is not required for energy efficiency retrofit work, data collection and reporting.
Additional Comments ANTHC completed an Environmental Reviews for the Anvik Community Energy Efficiency Project and Hughes Community Energy Efficiency Project in November 2015. The Environmental Reviews are attached. The buildings targeted for work under this project include the following: Anvik – City Office, Washeteria/Water Plant, Deloy Ges Corporation Office, Streetlights, Community Hall, Health Clinic and School are included in the project. Hughes – City Office/Post Office, Washeteria, Streetlights, School, Clinic, Tribal Office and Community Hall are included in the project.		

PREPARED BY

Date <i>3/20/18</i>	Typed or Printed Name and Title Karen Brown, Environmental Manager	Signature <i>Karen Brown</i>
Organization: ANTHC		
DENALI COMMISSION APPROVING OFFICIAL		
Based upon the categorical exclusion identified above, this completed checklist and attachments, I certify to the best of my knowledge, that the information provided above is complete and correct, and that:		
A categorical exclusion determination is appropriate for this project		Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Further environmental analysis is required		Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Date <i>3/7/18</i>	Joel Neimeyer, Federal Co-Chair	Signature <i>Joel Neimeyer</i>

Additional Notes and Instructions

1. The basis for determination and documentation information must be traceable and establish the factual data to support the response to each question. Types of information to be included in this column are outlined below.

Printed Materials: These are useful sources of detailed information materials such as comprehensive land use plans, zoning maps, city master plans, environmental baseline surveys, environmental assessments, environmental impact statements and studies. Information must be current and must represent accepted methodologies, i.e., not so old that changing conditions make them irrelevant. Citations for the material should include enough information so that an outside reviewer can locate the specific reference, e.g., author, document title, publication date, and page number.

Examples include the Record of Decision, Finding of Suitability to Transfer, Finding of Suitability to Lease, General Services Administration (GSA) Property Suitability Determination Form, Federal Property Information Checklist, Environmental Baseline Surveys, Preliminary Assessment Reports, Environmental Assessments, draft or final Environmental Impact Statements, and City/County master plan or zoning map.

Possible sources of the above documents include as appropriate, GSA, Department of Housing and Urban Development, the property owner, military base environmental office, local governmental organizations, local public library, and City/County planning office.

Personal Contacts: Personal contacts are useful when the individual contacted is an accepted authority on the subject(s), and the interview is documented. Supporting documentation should include the name, organization, and title of the person contacted and the date of the conversation. Examples include EPA officials, EPA hotlines, officials from state or local planning offices and environmental offices, or an environmental officer of an agency.

Site Visits: A site visit does not usually involve any testing or measurements. A site visit is an important method for initial screening of the issues, but for some of the categories it may be inadequate for final evaluation. Supporting documentation should include date of the site visit, by whom, and the supporting observation.

2. The agency must include pollution prevention considerations in the siting, design, construction, renovation, and operation of the project or facility. The questionnaire items on sedimentation and erosion control measures and storm water control plan are also pollution prevention related.

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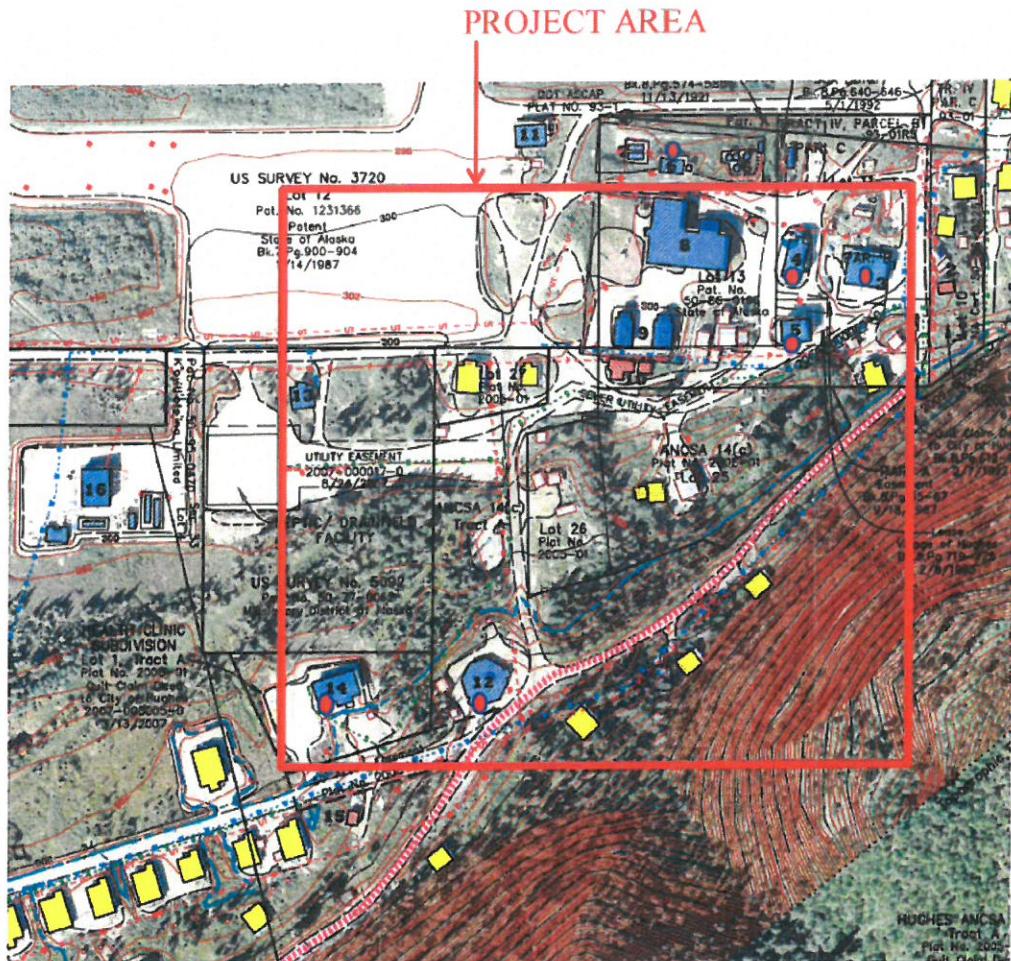
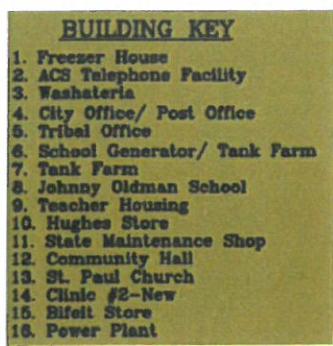
PROJECT AREAS



BUILDING KEY

1. Shop
2. Tank Farm
3. Tribal Office
4. Old Mission Building
5. Episcopal Church
6. City Building
7. Washeteria
8. Citrus
9. Tribal Community Center
10. Deiky Gas Inc. Store & Office
11. Post Office
12. Richardson's Store
13. City Shop
14. Internet
15. AVEC Power Plant
16. Blankwell School
17. DOT&PF Maintenance Building

Anvik



Hughes



ALASKA NATIVE TRIBAL HEALTH CONSORTIUM
Division of Environmental Health & Engineering
3900 Ambassador Drive, Suite 301
Anchorage, Alaska 99508

MEMORANDUM

DATE: November 2015
FROM: ANTHC Environmental Staff
SUBJECT: Energy Efficiency- Anvik, Alaska
NEPA Environmental Review – CPA Project No. AN 16-Z54
TO: NEPA DETERMINATION

S.A.R.

Federal funding for this project requires an environmental review in accordance with the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), the Endangered Species Act, the Clean Water Act, and other state and federal approvals. The Alaska Native Tribal Health Consortium (ANTHC) has considered all potential environmental concerns associated with the project. An Environmental Review has been conducted with respect to the proposed energy efficiency upgrades and biomass integration in Anvik, Alaska.

FINDINGS

ANTHC uses the Indian Health Service (IHS) environmental review procedures for conducting environmental analyses of all health and sanitation facilities projects, as outlined in the Environmental Review Manual, issued in January 2007. Current IHS policy (Federal Register, Vol. 58, No. 3, January 6, 1993, pp. 569-572) allows for categorical exclusion of health and sanitation facility projects that do not have a significant impact on the environment, as determined by the attached "Environmental Review and Documentation."

This environmental review finds that no additional environmental investigation is needed. Actions involving construction have been reviewed and no extraordinary or exceptional circumstances were found to exist. It is therefore recommended that the lead federal agency approve a determination of eligibility for categorical exclusion from the requirement to conduct further environmental evaluation for this project.

BACKGROUND

Anvik is located in Interior Alaska on the Anvik River, west of the Yukon River, 34 miles north of Holy Cross. Anvik falls within the continental climate zone, characterized by extreme temperature differences. The continental climate zone encompasses most of the central part of

the state and experiences extremely cold winters and warm summers. The Yukon River is ice-free from June through October.

Anvik has historically been an Ingalik Indian village. It has been known as American Station, Anvic, Anvick, Anvig, Anvig Station, and Anwig. The Russian Glazanov reported it as having 100 people in 1834. Originally, it was on other side of the river to the northeast, at a place called "The Point." Residents gradually moved across the river with the establishment of an Episcopal mission and school in 1887. A post office opened in 1897. After the flu epidemic of 1918-19 and another in 1927, many orphans became wards of the mission. Some children came from as far away as Fort Yukon. Sternwheelers carried supplies to the village in the early 1920s. Some residents had contracts to cut wood for the sternwheeler's fuel, and fish and furs were sold to traders. The early 1930s brought the first arrival of a plane on skis. The city was incorporated in 1969. Subsistence and home gardening are actively pursued by the local Ingalik Athabascan Indians. Many families travel to fish camps during the summer.

SCOPE OF REVIEW

This project will provide energy efficiency improvements and integration of a biomass heating system in several community buildings in Anvik. Work will include setback thermostats, weatherization, mechanical and heating improvements, replacement of lighting with LED lights. Work will be performed in the following buildings: City Office, Washeteria/WTP, Deloy Ges Corporation Office, replacement of Street Lights, Tribal Community Hall, Health Clinic, and Blackwell School.

CONDITIONAL APPROVAL/STIPULATIONS

Given the environmental review performed by ANTHC, the following conditional approvals are required for this project:

- *Disposal of construction debris in the Anvik Landfill should be coordinated with the landfill operator (City of Anvik). (#8)*
- *There are six (6) open contaminated sites in Anvik. These sites are the Anvik Former AVEC Tank Farm, Anvik Deloy Ges Inc., #1, Anvik Deloy Ges Inc., #2, Anvik Chase Enterprise Store Tank Farm, and the Anvik Former School Site. Project activities will maintain 50 feet distance from these sites. If hazardous waste or petroleum products are uncovered through the course of construction, the Project Engineer will contact the Alaska Department of Environmental Conservation and follow their recommendations to ensure full legal compliance. (#27)*

SUMMARY

ANTHC has completed the environmental review for this project. ANTHC will revisit this environmental review to determine if potential environmental concerns have been addressed if the project scope changes.

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: Anvik Village	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Anvik, Alaska
Project, Program, Grant Description & Location:	Considerations	Basis for Determination (Documentation)
	1.Will the proposed action result in a known violation or continuance of a violation of applicable (Federal, Tribal, State or local) laws or requirements for protection of environment or public health and safety?	No. The proposed project will be in compliance with all applicable laws and requirements and will have the appropriate regulatory approvals.
	2. Will the proposed action result in a conflict with existing or proposed federal, Tribal, state, and local land use plans?	http://www.commerce.state.ak.us/dca/commdb/CF_Plans.cfm No. The Village Traditional Council has identified this project's infrastructure as essential community facilities.
	3. Is there a controversy with respect to environmental effects of the proposed action based on reasonable and substantial issues?	No. The Cooperative Project Agreement (CPA) for this project, which is signed, affords the Village the opportunity to address controversies with respect to environmental effects of the construction of the proposed project.
	4. Is the proposed action significantly greater in scope than normal for the area or does it have significant unusual characteristics?	No. The proposed project is typical in scope in comparison with other sanitation improvement projects in rural Alaska and has no unusual, significant characteristics.
	5. Does the proposed action establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No. The proposed project will not result in any cumulative impacts that will result in degradation of environmental concerns as outlined in NEPA.
	6. Does the proposed action have significant adverse direct or indirect effects on park land, other public lands, or areas of recognized scenic or recreational value?	-National Wildlife Refuge (http://alaska.fws.gov/nwr/map.htm) -USDOI NPS (http://www.nps.gov/state/ak/) -Alaska Department of Natural Resource Division of Parks and Outdoor Recreation, Individual State Parks (http://www.dnr.state.ak.us/parks/units/index.htm) No. The community is not located in the vicinity of park land, public land, or areas of recognized scenic or recreational value.
	7. Does the proposed action include construction of a new municipal solid waste landfill at a new solid waste disposal site?	No. This project does not address the need for constructing a new municipal solid waste landfill.

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: Anvik Village	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Anvik, Alaska
Project, Program, Grant Description & Location:		
8. Will the proposed action create a need for additional capacity at solid waste disposal facilities?	No. This project will not increase the quantity or type of solid waste generated from this project will be disposed in the Anvik Landfill, a Class III, ADEC-permitted landfill that accepts ash, construction debris, and municipal wastes. Use of this landfill will be coordinated with the landfill operator (City of Anvik).	
9. Does the proposed action include construction of a new wastewater treatment facility that will discharge treated sewage effluent to the waters of the U.S.	No. The proposed project will not include construction of wastewater treatment facilities.	
10. Will the proposed action create a need for additional capacity at wastewater treatment facilities?	No. The proposed project will not affect the capacity of the community's wastewater treatment facilities.	
11. Will the proposed action create a need for additional capacity in the drinking water supply?	No. The construction of the proposed project will not create a need for additional community drinking water supply.	
12. Are there other considerations about the proposed action that could adversely affect the environment and/or public health and safety?	No. The proposed project will not adversely affect the environment and/or public health and safety. Building materials will be consistent with those that are standard for rural Alaska. No toxic building materials will be utilized.	
13. Will the proposed action create a need for additional capacity in health care facilities and for health care services?	No. The proposed project will not create a need for additional capacity in health care facilities and for health care services because it will not affect community population levels.	
14. Will the proposed action create a need for additional energy supply or generation?	No. The construction of the proposed project will reduce the need for additional energy supply or generation. The project will utilize waste heat recovery from the existing electrical power plant form use by other facilities. This project will construct a biomass heating system which will serve the City Office, Washeteria/WTP, Deloy Ges Corporation Office, Street Lights, Tribal Community Hall, Health Clinic, and Blackwell School.	
15. Will the proposed action create a need for additional capacity in educational facilities?	No. The proposed project will not create a need for additional capacity in educational facilities because the same population will be served as previously.	
16. Will the proposed action create a need for additional capacity in transportation systems?	No. The proposed project will not create a need for additional transportation. The project will use existing roads during construction.	

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: Anvik Village	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Anvik, Alaska
Project, Program, Grant Description & Location:		
17. Historic Preservation:	No. The proposed scopes are restricted to modifications of existing mechanical equipment, installation of insulation in some cases, and replacement of existing building components on buildings less than 50 years in age. No further evaluation is needed for this concern.	
a. Does the proposed action involve the purchase, construction, alteration, renovation, or lease of a building or portion of a building that is more than 50 years old?		
b. Will the proposed action adversely affect properties listed, or eligible for listing, on the National Register of Historic Places?	No. The nearest documented cultural resource is XHC-00084, a location containing two prehistoric house pits, located approximately 580m to the east of the project APE. No further evaluation is needed for this concern.	
18. Endangered Species Act: Is the proposed action likely to adversely affect a plant or animal species listed on the Federal or applicable state list of endangered or threatened species or a specific critical habitat of an endangered or threatened species?	http://alaska.fws.gov/fisheries/endangered/listing.htm – Alaska Region Endangered Species Listing. No. The community of Anvik, AK lies in interior Alaska, outside the range of listed and candidate species. A Section 7 Consultation with USFWS will not be conducted.	
19. Will the proposed action require major sedimentation and erosion control measures?	No. If soils are disturbed, revegetation will occur to stabilize them. Other erosion control measures will be used such as keeping soil hydrated to reduce dust.	
20. Will the proposed action violate a storm water permit or a wastewater discharge permit either for construction or on-going operations?	No. The project will disturb less than one acre of ground, therefore a NOI and SWPPP will not be required.	
21. Safe Drinking Water Act: Will the proposed action impact an EPA designated sole source aquifer?	http://cfpub.epa.gov/safewater/sourcewater/sourcewater.cfm No. Currently there are no designated sole source aquifers in Alaska.	
22. Wetlands and Water Resources (lakes, rivers, ponds, streams, etc.): Will the proposed action violate a Section 404 (Clean Water Act) permit for actions in a wetland and/or Section 10 (Rivers and Harbors Act) permit for actions in a stream or river?	http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits.aspx and http://www.fws.gov/wetlands/Data/mapper.html – No. The community of Anvik has not been digitally mapped by the US Fish and Wildlife Service's National Wetlands Inventory. The proposed ground disturbing activities will all occur in previously disturbed ground and there will be no wetlands impacts.	

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: Anvik Village	Project, Program, Grant Description & Location:	<p>The review covers the energy efficiency upgrades and biomass integration in Anvik, Alaska</p>
Reservation:		
23. Floodplains:	<p>a. Is the proposed action located in either a 100-year or, for critical actions, a 500-year floodplain? (If Flood Insurance Rate Maps do not exist for the project site, a floodplain survey or consultation may be required. Also may need to consider if the facility will require flood insurance).</p>	<p>No. The community of Anvik has a USACE recommended building elevation of 110.3 ft. The installation of energy efficient upgrades and biomass integration in Anvik, Alaska are considered actions that qualify for IHS Class Review because the project is making improvements to existing exempted facilities in the floodplain that will not support future development.</p>
24. Existing site:	<p>b. Will the proposed action adversely impact flood flows in a floodplain or support development in a floodplain?</p>	<p>No. The project is designed to drain in areas that will not adversely impact flood flows.</p>
25. New site:	<p>c. Does the proposed action involve the purchase, construction or lease of new facilities (including portable facilities and trailers), substantially increase the capacity of an existing health care facility?</p>	<p>No. New facility at the existing site is not proposed.</p>
26. New site:	<p>d. Does the proposed action involve purchase, construction, or lease of new facilities (including portable facilities and trailers) where such action is for buildings equal to or more than 12,000 square feet (1080 square meters) of useable space when more than 5 acres (2 hectares) of surface land area are involved at a new site?</p>	<p>No. New health care facility at a new site is not proposed.</p>
		<p>No. New health care facility at a new site is not proposed.</p>

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: Anvik Village	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Anvik, Alaska
Project, Program, Grant Description & Location: Anvik, Alaska		
27. Does the proposed action involve the sale or transfer of real property, on which any hazardous substance was stored for one year or more, known to have been released, or disposed off? (Provide relevant documentation for any hazardous substance releases. See 40 CFR 373.2(b), 302.4, and 261.30 for reportable quantities.)	(http://www.dec.state.ak.us/spar/csp/list.htm) and (http://www.epa.gov/superfund/index.htm) Alaska Department of Environmental Conservation and EPA Superfund websites. No. There are six (6) open contaminated sites in Anvik around the tank farm and the school. These sites are the Anvik Former AVEC Tank Farm, Anvik Deploy Ges Inc., #1, Anvik Chase Enterprise Store Tank Farm, and the Anvik Former School Site. Project activities will maintain 50 feet distance from these sites. If hazardous waste or petroleum products are uncovered through the course of construction, the Project Engineer will contact the Alaska Department of Environmental Conservation and follow their recommendations to ensure full legal compliance.	
28. Does the proposed action involve the sale or transfer of real property, on which underground or above ground storage tanks are located?	(http://www.dec.state.ak.us/spar/ipp/ust/search/default.htm) No. The proposed action does not involve the transfer of real property.	
29. Will the proposed action violate Tribal, local, state, or federal law on the use and storage of hazardous substances or transportation, storage, and disposal of hazardous wastes or medical wastes?	No. The proposed project will not violate local, state, or federal law on the use and storage of hazardous substances or transportation, storage, and disposal of hazardous wastes or medical wastes. (Activities that may generate reportable quantities include air conditioning, repair and service, pesticide application, motor pools, automobile repair, welding, landscaping, agricultural activities, print shops, hospitals, clinics, & medical centers. Repair, renovation, or demolition activities can generate waste that has asbestos-containing materials, asbestos, lead-based paint, PCBs, CFCs, etc.)	
30. Will the proposed action adversely affect community air pollution for a long period of time?	No. 18AAC50, Air Quality Control, Alaska Department of Environmental Conservation. This project is not located in an area subject to the conformity rule per the State of Alaska Implementation Plan.	
31. If the proposed action is implemented, will it have a disproportionately high and adverse human health or environmental impact on the Tribe, low-income populations, or minority populations?	No. This project will benefit the health and environment for the tribe and the community as a whole.	

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: Anvik Village	Reservation:
Project, Program, Grant Description & Location:	The review covers the energy efficiency upgrades and biomass integration in Anvik, Alaska
32. Will the proposed action adversely affect community noise levels?	No. The Project Manager will ensure community noise levels are not adversely affected with no blasting and limiting heavy equipment usage to daytime (10) hours. http://www.wilderness.net/index.cfm?fuse=NWPS
33. Wilderness Act: Will the proposed action adversely impact a Wilderness Area?	No. This community is not located in a wilderness area in Alaska. http://www.ak.nrcs.usda.gov/technical/soils/soilslocal.html
34. Farmland Protection Policy Act: Will the proposed action convert significant agricultural lands to non-agricultural uses and exceed 160-point score on the farmland impact rating?	No. There are no Prime or Unique farmlands in the State of Alaska. Further, there are no Farmlands of Statewide Importance.
35. Coastal Zone Management Act: Will the proposed action directly affect a Coastal Zone in a manner inconsistent with the State Coastal Zone Management Plan?	No. (www.alaskacoast.state.ak.us) Alaska Coastal Zone and Coastal District boundaries, National Oceanic and Atmospheric Administration, June 2005. The Alaska Coastal Management Program no longer exists as of July 1, 2011. http://www.rivers.gov/index.php
36. Wild and Scenic Rivers Act: Will the proposed action affect a wild, scenic, or recreational river area or create conditions inconsistent with the character of the river? (A consideration for activities that are in or near any wild and scenic waterway including construction of stream/river crossings, intake structures, outfalls, etc.)	No. This project is not a "Water Resource Project" that will impact a wild, scenic, or recreational river, hence will not create conditions that are inconsistent with the character of the river.

I certify that to the best of my knowledge and ability the information presented above is true and correct. The record was examined to identify potential extraordinary or exceptional circumstances which would require further environmental review.

Jeanne R. He 2/4/16
ANTHC Project Manager

4/4/2016
ANTHC Environmental Staff

Date

PROJECT AREAS





ALASKA NATIVE TRIBAL HEALTH CONSORTIUM
Division of Environmental Health & Engineering
3900 Ambassador Drive, Suite 301
Anchorage, Alaska 99508

MEMORANDUM

DATE: November 2015

FROM: ANTHC Environmental Staff

S.Y2.
SUBJECT: Energy Efficiency– Hughes, Alaska
NEPA Environmental Review – SUB-PROJECT Project No. AN 16-Z54

TO: NEPA DETERMINATION

Federal funding for this project requires an environmental review in accordance with the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), the Endangered Species Act, the Clean Water Act, and other state and federal approvals. The Alaska Native Tribal Health Consortium (ANTHC) has considered all potential environmental concerns associated with the project. An Environmental Review has been conducted with respect to the proposed energy efficiency upgrades and biomass integration in Hughes, Alaska.

FINDINGS

ANTHC uses the Indian Health Service (IHS) environmental review procedures for conducting environmental analyses of all health and sanitation facilities projects, as outlined in the Environmental Review Manual, issued in January 2007. Current IHS policy (Federal Register, Vol. 58, No. 3, January 6, 1993, pp. 569-572) allows for categorical exclusion of health and sanitation facility projects that do not have a significant impact on the environment, as determined by the attached “Environmental Review and Documentation.”

This environmental review finds that no additional environmental investigation is needed. Actions involving construction have been reviewed and no extraordinary or exceptional circumstances were found to exist. It is therefore recommended that the lead federal agency approve a determination of eligibility for categorical exclusion from the requirement to conduct further environmental evaluation for this project.

BACKGROUND

Hughes is located on a 500-foot bluff on the east bank of the Koyukuk River, about 115 air miles northeast of Galena and 210 air miles northwest of Fairbanks. Hughes falls within the continental climate zone, characterized by extreme temperature differences. The continental climate zone

encompasses most of the central part of the state and experiences extremely cold winters and warm summers. The Koyukuk River is ice-free from June through October.

Several Native groups have lived in the area, including Koyukon Athabascans and Kobuk, Selawik, and Nunamiat Eskimos from the north and northwest. The Koyukon lived in several camps throughout the year, moving as the seasons changed, following the wild game and fish. Hughes was used as a trade center between Athabascans and Eskimos. Roy (Frederick) Hughes prospected an area two miles upstream in 1884. But, according to the U.S. Geological Survey, the community was named in 1910 after New York Governor Charles Hughes. It served as a riverboat landing and supply port for the Indian River gold fields until 1915 when the local mining industry declined. The local Natives stayed on, however, and a post office was established in 1942. An airstrip was built in the 1950s, a school in 1956, and a clinic in 1968. The city was incorporated in 1973, and local roads were built in 1974. A community-wide electric system was developed in 1981. In September 1994, flood waters destroyed and swept away nearly all of the community's buildings, homes, and food caches for the winter. Residents have rebuilt homes and facilities. Hughes is a Koyukon Athabascan village. Traditional ways of life persist -- potlatches and dog races attract visitors from surrounding river villages.

SCOPE OF REVIEW

This project will provide Energy efficiency improvements and integration of a biomass heating system in several community buildings in Hughes. Work will include setback thermostats, weatherization, mechanical and heating improvements, replacement of lighting with LED lights. Work will be performed in the following buildings: City Office/Post Office, Washeteria, Streetlights, School, Clinic, Tribal Office, and Community Hall.

CONDITIONAL APPROVAL/STIPULATIONS

Given the environmental review performed by ANTHC, the following conditional approvals are required for this project:

- *Any solid waste disposal of construction waste in the local landfill will be coordinated with the ADEC and the City of Hughes. The ADEC landfill permit expires on February 18, 2016. (#8)*
- *If any metal based paint or asbestos is encountered as part of this project, ADEC and EPA disposal guidelines will be followed. (#12)*
- *Conduct a Section 306108 consultation with SHPO. (#17)*

- *There is one (1) open contaminated site within the vicinity of the project in Hughes, Alaska. The Hughes School & Community Tank Farm is an active contaminated site. This project will not have ground disturbing activities. If hazardous waste or petroleum products are uncovered through the course of construction, the Project Engineer will contact the Alaska Department of Environmental Conservation and follow their recommendations to ensure full legal compliance. (#27)*

SUMMARY

ANTHC has completed the environmental review for this project. ANTHC will revisit this environmental review to determine if potential environmental concerns have been addressed if the project scope changes.

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: The Native Village of Hughes	Project, Program, Grant Description & Location:	Reservation: The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska
		Basis for Determination (Documentation)
Considerations		
1. Will the proposed action result in a known violation or continuance of a violation of applicable (Federal, Tribal, State or local) laws or requirements for protection of environment or public health and safety?	No. The proposed project will be in compliance with all applicable laws and requirements and will have the appropriate regulatory approvals.	
2. Will the proposed action result in a conflict with existing or proposed federal, Tribal, state, and local land use plans?	No. http://www.commerce.state.ak.us/dca/commdb/CF_Plans.cfm The Village Traditional Council has identified this project's infrastructure as essential community facilities.	
3. Is there a controversy with respect to environmental effects of the proposed action based on reasonable and substantial issues?	No. The Sub-Project Agreement (SUB-PROJECT) for this project, which is signed, affords the Village the opportunity to address controversies with respect to environmental effects of the construction of the proposed project.	
4. Is the proposed action significantly greater in scope than normal for the area or does it have significant unusual characteristics?	No. The proposed project is typical in scope in comparison with other sanitation improvement projects in rural Alaska and has no unusual, significant characteristics.	
5. Does the proposed action establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No. The proposed project will not result in any cumulative impacts that will result in degradation of environmental concerns as outlined in NEPA.	
6. Does the proposed action have significant adverse direct or indirect effects on park land, other public lands, or areas of recognized scenic or recreational value?	-National Wildlife Refuge (http://alaska.fws.gov/nwr/map.htm) -USDOI NPS (http://www.nps.gov/state/ak/) -Alaska Department of Natural Resource Division of Parks and Outdoor Recreation, Individual State Parks (http://www.dnr.state.ak.us/parks/units/index.htm)	
7. Does the proposed action include construction of a new municipal solid waste landfill at a new solid waste disposal site?	No. The community is not located in the vicinity of park land, public land, or areas of recognized scenic or recreational value. No. This project does not address the need for constructing a new municipal solid waste landfill.	

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Tribe: The Native Village of Hughes	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska
Project, Program, Grant Description & Location:		
8. Will the proposed action create a need for additional capacity at solid waste disposal facilities?	No. This project will not increase the quantity or type of solid waste generated. Any solid waste disposal of construction waste in the local landfill will be coordinated with the ADEC and the City of Hughes.	The Hughes Landfill is an ADEC Class III municipal solid waste landfill (permit #SW3A019-16). This permit expires on February 18, 2016.
9. Does the proposed action include construction of a new wastewater treatment facility that will discharge treated sewage effluent to the waters of the U.S.	No. The proposed project will not include construction of wastewater treatment facilities.	
10. Will the proposed action create a need for additional capacity at wastewater treatment facilities?	No. The proposed project will not affect the capacity of the community's wastewater treatment facilities.	
11. Will the proposed action create a need for additional capacity in the drinking water supply?	No. The construction of the proposed project will not create a need for additional community drinking water supply.	
12. Are there other considerations about the proposed action that could adversely affect the environment and/or public health and safety?	No. The proposed project will not adversely affect the environment and/or public health and safety. Building materials will be consistent with those that are standard for rural Alaska. No toxic building materials will be utilized.	If any metal based paint or asbestos is encountered as part of this project, ADEC and EPA disposal guidelines will be followed.
13. Will the proposed action create a need for additional capacity in health care facilities and for health care services?	No. The proposed project will not create a need for additional capacity in health care facilities and for health care services because it will not affect community population levels.	
14. Will the proposed action create a need for additional energy supply or generation?	No. The construction of the proposed project will reduce the need for additional energy supply or generation.	
15. Will the proposed action create a need for additional capacity in educational facilities?	No. The proposed project will not create a need for additional capacity in educational facilities because the same population will be served as previously.	
16. Will the proposed action create a need for additional capacity in transportation systems?	No. The proposed project will not create a need for additional transportation. The project will use existing roads during construction.	

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: The Native Village of Hughes

Project, Program, Grant Description & Location:
Reservation:
Hughes, Alaska

The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska

17. Historic Preservation: a. Does the proposed action involve the purchase, construction, alteration, renovation, or lease of a building or portion of a building that is more than 50 years old?	No. Consultation is Required. The project scope includes upgrades to the City Office Building, which has been determined to be a cultural resource. No determination of eligibility has been completed for the building and therefore, the effects of the project on the historic building will be reviewed by a historic preservation professional, and a determination will be established based on the review. The agency will establish a finding based on the determination and provide SHPO with a review period of 30 days prior to initiating project construction activities.
b. Will the proposed action adversely affect properties listed, or eligible for listing, on the National Register of Historic Places?	No. Consultation is Not Required. Sites in the vicinity of the project APE include a palaeontological site (HUG-00153). The proposed project scope is restricted to upgrades to existing buildings, therefore, there is no potential for effects to the site to occur. No further evaluation of this concern is needed.
18. Endangered Species Act: Is the proposed action likely to adversely affect a plant or animal species listed on the Federal or applicable state list of endangered or threatened species or a specific critical habitat of an endangered or threatened species?	(http://alaska.fws.gov/fisheries/endangered/listing.htm) – Alaska Region Endangered Species Listing. No. The community of Hughes, AK lies in interior Alaska, outside the range of listed and candidate species. A Section 7 Consultation with USFWS will not be conducted.
19. Will the proposed action require major sedimentation and erosion control measures?	There are nine (9) migratory birds of concern in the area. These birds are the Arctic Tern, Bald Eagle, Fox Sparrow, Lesser Yellowlegs, Olive-sided Flycatcher, Peregrine Falcon, Rusty Blackbird, Short-eared Owl, and Upland Sandpiper. All construction shall occur within established community boundaries.
20. Will the proposed action violate a storm water permit or a wastewater discharge permit either for construction or on-going operations?	No. If soils are disturbed, revegetation will occur to stabilize them. Other erosion control measures will be used such as keeping soil hydrated to reduce dust.
21. Safe Drinking Water Act: Will the proposed action impact an EPA designated sole source aquifer?	No. The project will disturb less than one acre of ground, therefore a NOI and SWPPP will not be required. (http://cfpub.epa.gov/safewater/sourcewater/sourcewater.cfm) No. Currently there are no designated sole source aquifers in Alaska.
22. Wetlands and Water Resources (lakes, rivers, ponds, streams, etc.): Will the proposed action violate a Section 404 (Clean Water Act) permit for actions in a wetland and/or Section 10 (Rivers and Harbors Act) permit for actions in a stream or river?	(http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramsAndPermits.aspx) and (http://www.fws.gov/wetlands/Data/mapper.html) – No. The community of Hughes has not been digitally mapped by the US Fish and Wildlife Service's National Wetlands Inventory. The proposed ground disturbing activities will all occur in previously disturbed ground and there will be no wetlands impacts.

Tribe: The Native Village of Hughes	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska
Project, Program, Grant Description & Location:		
23.Floodplains:	<p>a. Is the proposed action located in either a 100-year or, for critical actions, a 500-year floodplain? (If Flood Insurance Rate Maps do not exist for the project site, a floodplain survey or consultation may be required. Also may need to consider if the facility will require flood insurance).</p> <p>(http://msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?storeId=10001&catalogId=10001&la ngId=_1&categoryId=12001&parentCategoryId=1&stateId=1&countyId=&communityId=&stat eName=&communityName=&communityKitId=&dfirmCatId=null&isCountySelected=0&isCommSelected=0&userType=G&urlUserType=G&sfc=0&catState=13008) and (http://www.poas.usace.army.mil/About/Offices/Engineering/FloodplainManagement.aspx)</p>	<p>No. The community is located in a floodplain. The addition of energy efficient upgrades and biomass integration in Hughes, Alaska are considered actions that qualify for IHS Class Review because the project is making improvements to existing exempted facilities in the floodplain that will not support future development.</p>
		<p>The 1937 snow melt flood was the highest in memory until the 1994 flood. Residents in 1937 said the flood was above the roofs of the houses. The 1937 fall flood was nearly as high. There was no means to measure these flood elevations. High Water Elevation signs were placed at the 1965 flood level at the doorway of the 1937 cabin, about 1.6 ft above the ground; at the SW corner of the Post Office, 3.4 ft above the ground; and at the NW corner of the school, approximately 1.5 ft above the ground. A flood gauge was installed on the store with a HWE sign placed at the level of the 1994 flood, 270.5 ft. The recommended building elevation is 273 ft.</p> <p>b. Will the proposed action adversely impact flood flows in a floodplain or support development in a floodplain?</p> <p>No. The project is designed to drain in areas that will not adversely impact flood flows.</p> <p>24. Existing site: Would the proposed action involve the purchase, construction or lease of new facilities (including portable facilities and trailers), substantially increase the capacity of an existing health care facility?</p> <p>No. New facility at the existing site is not proposed.</p>

ENVIRONMENTAL INFORMATION AND DOCUMENTATION

Tribe: The Native Village of Hughes	Reservation:
Project, Program, Grant Description & Location:	The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska
25. New site: Does the proposed action involve purchase, construction, or lease of new facilities (including portable facilities and trailers) where such action is for buildings equal to or more than 12,000 square feet (1080 square meters) of useable space when more than 5 acres (2 hectares) of surface land area are involved at a new site?	No. New facility at a new site is not proposed.
26. New site: Does the proposed action involve purchase, construction, or lease of health care facilities (other than buildings) for projects equal to or more than 5 acres (2 hectares) of surface land area at a new site?	No. New health care facility at a new site is not proposed.
27. Does the proposed action involve the sale or transfer of real property, on which any hazardous substance was stored for one year or more, known to have been released, or disposed of? (Provide relevant documentation for any hazardous substance releases. See 40 CFR 373.2(b), 302.4, and 261.30 for reportable quantities.)	(http://www.dec.state.ak.us/spar/csp/list.htm) and (http://www.epa.gov/superfund/index.htm) Alaska Department of Environmental Conservation and EPA Superfund websites. No. There is one (1) open contaminated site within the vicinity of the project in Hughes, Alaska. The Hughes School & Community Tank Farm is an active contaminated site. This project will not have ground disturbing activities. If hazardous waste or petroleum products are uncovered through the course of construction, the Project Engineer will contact the Alaska Department of Environmental Conservation and follow their recommendations to ensure full legal compliance.
28. Does the proposed action involve the sale or transfer of real property, on which underground or above ground storage tanks are located?	(http://www.dec.state.ak.us/spar/ipp/ust/search/default.htm) No. The proposed action does not involve the transfer of real property.

Tribe: The Native Village of Hughes	Reservation:	The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska
Project, Program, Grant Description & Location:		
29. Will the proposed action violate Tribal, local, state, or federal law on the use and storage of hazardous substances or the transportation, storage, and disposal of hazardous wastes or medical wastes?	No. The proposed project will not violate local, state, or federal law on the use and storage of hazardous substances or transportation, storage, and disposal of hazardous wastes or medical wastes.	(Activities that may generate reportable quantities include air conditioning repair and service, pesticide application, motor pools, automobile repair, welding, landscaping, agricultural activities, print shops, hospitals, clinics, & medical centers. Repair, renovation, or demolition activities can generate waste that has asbestos-containing materials, asbestos, lead-based paint, PCBs, CFCs, etc.)
30. Will the proposed action adversely affect community air pollution for a long period of time?	No. 18AAC50, Air Quality Control, Alaska Department of Environmental Conservation. This project is not located in an area subject to the conformity rule per the State of Alaska Implementation Plan.	
31. If the proposed action is implemented, will it have a disproportionately high and adverse human health or environmental impact on the Tribe, low-income populations, or minority populations?	No. This project will benefit the health and environment for the tribe and the community as a whole.	
32. Will the proposed action adversely affect community noise levels?	No. The Project Manager will ensure community noise levels are not adversely affected with no blasting and limiting heavy equipment usage to daytime (10) hours.	
33. Wilderness Act: Will the proposed action adversely impact a Wilderness Area?	No. This community is not located in a wilderness area in Alaska. http://www.wilderness.net/index.cfm?fuse=NWPS	
34. Farmland Protection Policy Act: Will the proposed action convert significant agricultural lands to non-agricultural uses and exceed 160-point score on the farmland impact rating?	No. There are no Prime or Unique farmlands in the State of Alaska. Further, there are no Farmlands of Statewide Importance. http://www.ak.nrcs.usda.gov/technical/soils/soillocal.html	

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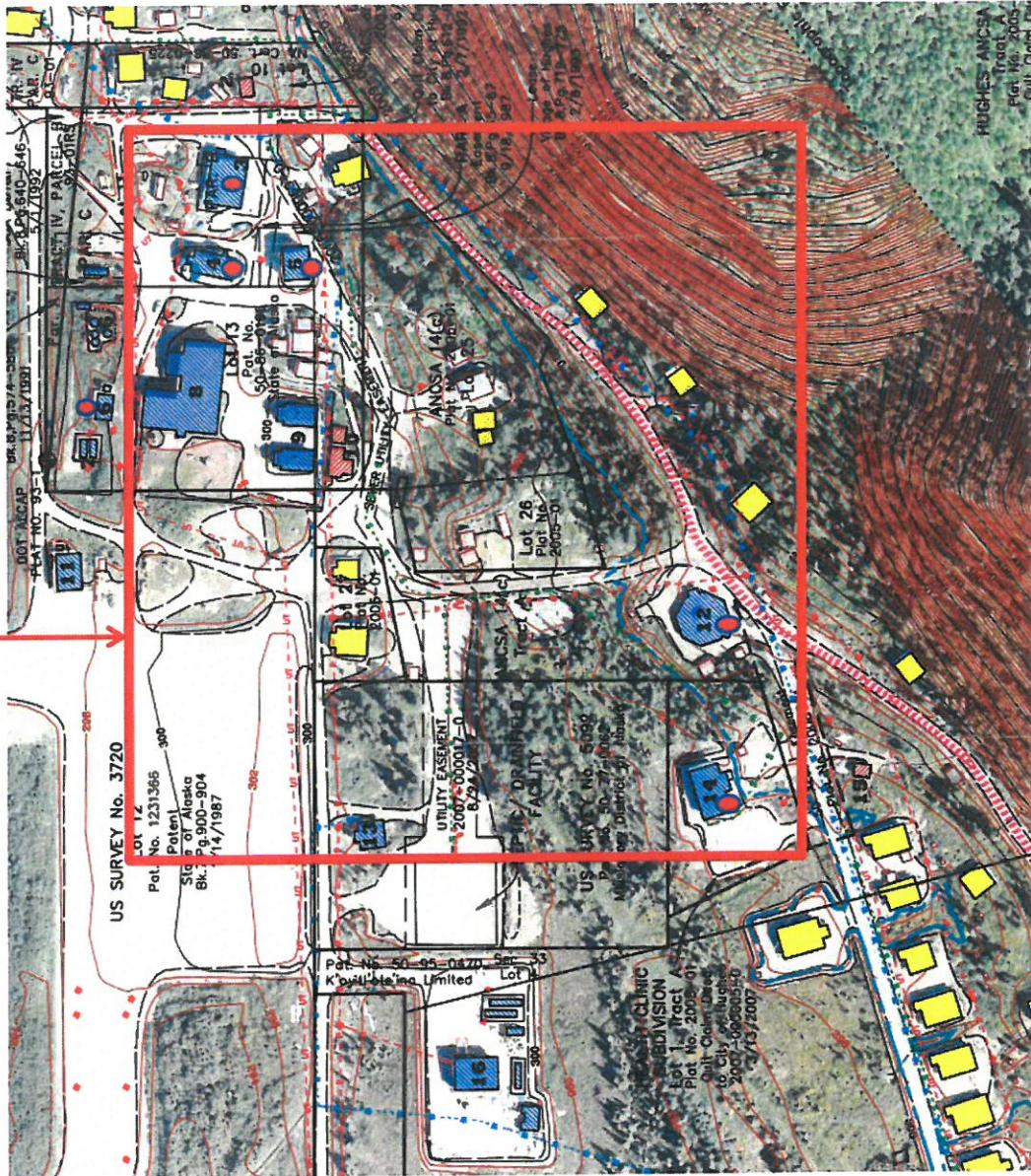
Tribe: The Native Village of Hughes	Reservation:
Project, Program, Grant Description & Location:	The review covers the energy efficiency upgrades and biomass integration in Hughes, Alaska
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I certify that to the best of my knowledge and ability the information presented above is true and correct. The record was examined to identify potential extraordinary or exceptional circumstances which would require further environmental review.


11/20/16
ANTHC Project Manager


ANTHC Environmental Staff

PROJECT AREA



BUILDING KEY

1. Freezer House
 2. ACS Telephone Facility
 3. Washateria
 4. City Office / Post Office
 5. Tribal Office
 6. School Generator / Tank Farm
 7. Tank Farm
 8. Johnny Oldman School
 9. Teacher Housing
 10. Hughes Store
 11. State Maintenance Shop
 12. Community Hall
 13. St. Paul Church
 14. Clinic #2 - New
 15. Bifeit Store
 16. Power Plant